

## Sterile, tie-on face mask with advanced filtration efficiency

- **Specialized protection:** This tie-on sterile face mask offers high particle and bacterial filtration. It is tested against ASTM F2101 standards for Bacterial Filtration Efficiency (BFE)
- **Enhanced features and comfort:** The BioClean™ Sterile Tie-on Face Mask MTA210-1 is equipped with a fully enclosed, malleable noseband for improved fit and comfort, while an ultrasonic seal ensures a stronger bond for the tie-tapes, enabling secure fastening
- **Reduced risks:** The BioClean™ Sterile Tie-on Face Mask MTA210-1 is processed in a NEBB-certified ISO Class 4 cleanroom, reducing the risk of contamination

### Key Features and Benefits

- **Contamination control:** High Bacterial Filtration Efficiency (BFE)
- **Cleanroom-compatible materials:** Fewer contamination risks
- **Ultrasonically sealed edges:** Tie-tapes with a strong, reliable bond

### Industries

- Production and Manufacturing
- Controlled and Critical Environments
- Laboratory and Research





# BioClean™ Sterile Tie-on Face Mask MTA210-1

## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

<b>Material</b>	Polypropylene Polyethylene
<b>Audit Standards</b>	Manufacturing QMS Audit Standards ISO 9001
<b>Standards</b>	ASTM F2101, ISO 2859
<b>Packaging Overview</b>	One piece per sealed inner PE bag; 50 inner bags per sealed outer PE bag; 10 outer bags per lined carton (500 pieces)
<b>Country Of Origin</b>	China
<b>Sterilization Method</b>	Gamma irradiation
<b>Sterilization Minimum Dose</b>	25kGy
<b>Sterility Assurance Level</b>	10 <sup>-6</sup>
<b>Storage Instructions</b>	Store in a dry, cool place (<40°C) away from direct sunlight and fluorescent light.
<b>Shelf Life</b>	Five (5) years from date of manufacture

### PHYSICAL PROPERTIES

<b>Color</b>	White
<b>String Type</b>	Ties
<b>Overall Dimensions</b>	WIDTH (± 5mm) 210mm HEIGHT (± 5mm) 95mm
<b>Inner Facing Layer</b>	Non-woven polypropylene/polyethylene (hygroscopic)
<b>Filtration Layer</b>	Meltblown polyester
<b>Outer Layer</b>	Non-woven spunbonded polyester (hydrophobic)
<b>Fastenings</b>	Non-woven polypropylene ties
<b>Noseband</b>	Plastic coated steel

### PERFORMANCE INFORMATION

<b>Cleanroom Class</b>	Class 10/ISO Class 4 & EU GMP Grade A/B and other sterile cleanrooms
<b>Particle Filtration Efficiency</b>	89.3% @0.1 micron
<b>Bacterial Filtration Efficiency</b>	92.3% @0.3 micron
<b>Viral Filtration Efficiency</b>	93.8% @3.0 micron
<b>Differential Pressure</b>	3.8mm H <sub>2</sub> O/cm <sup>2</sup>

### ORDERING INFORMATION

	<b>SIZE</b>	<b>Tie-on Face Mask</b>
MTA210-1	REORDER NO.	MTA210-1

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